

CLAIMS

1. (Currently Amended) A vent stop for use with a sliding member, the vent stop comprising:

a housing adapted to be disposed in a recess, said housing including a cavity with a bottom plate therein, said bottom plate having a top surface forming at least a portion of an inside surface of said cavity and an edge, said edge being generally transverse to the top surface of the bottom plate; said edge extending from said top surface of the bottom plate to a bottom surface of said bottom plate, said edge forming at least one wall of an opening in said bottom plate;

a tumbler disposed in said cavity, said tumbler including a protruding apex at the top thereof;

a pivot means for pivotally securing said tumbler to said housing for movement between an extended position where a front face of said tumbler overlies an edge of the sliding member to prevent movement of the sliding member past the front face of the tumbler, and a retracted position within said cavity where the sliding member can be moved past the tumbler, said pivot means extending from ~~at least one inside wall of~~ said housing, said pivot means having an upper surface and a lower surface, and wherein said tumbler has a first pivot member and a second pivot member, and wherein said first pivot member contacts said upper surface of said pivot means when said tumbler is in said extended position and said second pivot member contacts said lower surface of said pivot means when said tumbler is in an extended ~~retracted~~ position, said tumbler thereby prevented from further travel;

a spring means for biasing said tumbler into said extended position;

and wherein said second pivot member of said tumbler contacts said pivot means when said tumbler is in a retracted position and said apex of said tumbler contacts said faceplate with said tumbler in a retracted position, said tumbler has a bottom plate contact surface that contacts said edge of the bottom plate without said pivot member contacting a rear wall of said housing when said tumbler is in said extended position, thereby being prevented from further travel by the edge.

2. (Original) A vent stop according to claim 1 wherein the housing has a face plate and first and second housing members extending from said faceplate and wherein said bottom plate extends from at least one of said housing members.

3. (Original) A vent stop according to claim 2 wherein said first and second housing members are generally perpendicular to said faceplate and at least a portion of said bottom member is generally parallel to said face plate.

4. (Cancelled).

5. (Original) The vent stop according to claim 1 wherein said sliding member is a sash in a double hung window.

6. (Original) The vent stop according to claim 1 wherein the sliding member is a sash in a window.

7. (Original) The vent stop according to claim 1 wherein the sliding member is a sash in a sliding window.

8. (Original) The vent means according to claim 1 wherein said sliding member is a door.

9. (Previously Presented) A vent stop according claim 1 wherein the force of said tumbler on said bottom plate is parallel to the top surface of said bottom plate when said tumbler is in an extended position.

10. (Currently Amended) A vent stop for use with a sliding member comprising:

a housing adapted to be disposed in a recess, said housing including a cavity formed by a faceplate; ~~and~~ first and second housing members extending from said faceplate; and a bottom plate, said bottom plate extending from at least a portion of a housing member and thereby creating an edge;

a tumbler disposed in said cavity, said tumbler including a protruding apex at the top thereof;

a pivot means extending from at least one of said first and second housing members for pivotally securing said tumbler to said housing for tumbler movement between an extended position where a front face of said tumbler overlies an edge of the sliding member to prevent movement of the sliding member past the front face of the tumbler, and a retracted position within said housing cavity where the sliding member can be moved past the tumbler;

a spring means for biasing said tumbler into said extended position;

and wherein said tumbler has a front end and a rear end, said rear end having a first pivot member and a second pivot member extending therefrom, and wherein said first pivot member contacts said pivot means when said tumbler is in said extended position and said second pivot member having a bottom plate contact surface that contacts said edge of said bottom plate when

said tumbler is in an extended position, said tumbler thereby being prevented from further travel;
said second pivot member contacting ~~contacts~~ said pivot means when said tumbler is in a
retracted position and said apex of said tumbler contacting said bottom surface of said faceplate
with said tumbler in a retracted position, ~~wherein said first pivot member prevents said tumbler~~
thereby prevented from further travel ~~by the contact of the first pivot member with said pivot~~
~~means.~~

11. (Currently Amended) A vent stop according to claim 10 wherein the housing further
comprises a front wall and rear wall, said front and rear walls ~~bottom plate~~ extending from said
faceplate, said front and rear walls also connecting to at least one of said first and second housing
members.

12. (Currently Amended) A vent stop according to claim 10 [11] wherein said first and second
housing members are generally perpendicular to said faceplate and at least a portion of a top
surface of said bottom plate ~~member~~ is generally parallel to said face plate.

13. (Currently Amended) A vent stop according to claim 12 wherein said faceplate has a top
surface and a bottom and side surface, and an opening, said faceplate ~~bottom plate has an edge~~
being generally perpendicular to the top surface of said bottom plate ~~and wherein said tumbler~~
~~has a second pivot member which contacts said edge of said bottom plate when said tumbler is in~~
~~an extended position.~~

14. (Currently Amended) A vent stop according claim 12 [13] wherein the force of said tumbler

on said bottom plate is parallel to the top surface of said bottom plate when said tumbler is in an extended position.

15. (Original) The vent stop according to claim 10 wherein said sliding member is a sash in a double hung window.

16. (Original) The vent stop according to claim 10 wherein the sliding member is a sash in a window.

17. (Original) The vent stop according to claim 10 wherein the sliding member is a sash in a sliding window.

18. (Original) The vent means according to claim 10 wherein said sliding member is a door.

19. (Currently Amended) A vent stop for use with a sliding member comprising:

a housing adapted to be disposed in a recess, said housing including a cavity with a bottom plate, said bottom plate having a top surface forming at least a portion of an inside surface of said cavity and an edge, said edge being generally transverse to the top surface of the bottom plate, said housing also having a face plate and first and second housing members extending from said faceplate, wherein said bottom plate extends from [form] at least one of said housing members, and wherein said first and second housing members are generally perpendicular to said faceplate and at least a portion of said bottom member is generally parallel to said face plate and;

a tumbler disposed in said cavity having a front face and a rear face, said tumbler including a protruding apex at the top thereof;

a pivot means for pivotally securing said tumbler to said housing for movement between an extended position where a front face of said tumbler overlies an edge of the sliding member to prevent movement of the sliding member past the front face of the tumbler, and a retracted position within said cavity where the sliding member can be moved past the tumbler;

a spring means for biasing said tumbler into said extended position; and

wherein said tumbler has a first pivot member and a second pivot member extending from said rear face of said tumbler, and wherein said first pivot member contacts said pivot means when said tumbler is in an extended position and said second pivot member has a bottom plate contact surface that contacts said edge of the bottom plate when said tumbler is in an extended position, said edge extending from a top surface of said bottom plate to the bottom surface of said bottom plate, said edge forming at least one wall of an opening in said bottom plate, said tumbler thereby being prevented from further travel by the edge.

20. (Original) The vent stop according to claim 19 wherein said sliding member is a sash in a double hung window.

21. (Original) The vent stop according to claim 19 wherein the sliding member is a sash in a window.

22. (Original) The vent stop according to claim 19 wherein the sliding member is a sash in a sliding window.

23. (Original) The vent means according to claim 19 wherein said sliding member is a door.

24. (Original) A vent stop according to claim 19 wherein a force of said tumbler on said bottom plate when said tumbler is in an extended position.

25. (Previously Presented) A vent stop according to claim 19 wherein a pin is extending from said housing, and said pin fits in a cavity between the first member and the second member and wherein said tumbler pivots around said pin.

26. (Previously Presented) The vent stop according to claim 25 wherein said pin has a top surface and a bottom surface and wherein said first pivot member contacts said top surface of said pin when said tumbler is in said extended position and said second pivot member contacts said bottom surface of said pin when said tumbler is in said retracted position.

27. (New) The vent stop according to claim 19 wherein said second pivot member contacts said pivot means when said tumbler is in a retracted position and said apex of said tumbler contacts said faceplate with said tumbler in a retracted position, said tumbler thereby prevented from further travel.

28. (New) A vent stop for use with a sliding member and adapted to be partly disposed in a recess of the sliding member, where the vent stop comprises:

a housing, said housing including a cavity formed by a faceplate, said faceplate having a top surface and a bottom and side surface, and an opening; first and second housing members

extending from said faceplate; and a bottom plate, said bottom plate extending from at least a portion of a housing member and thereby creating an edge;

a tumbler disposed in said cavity, said tumbler including a protruding apex at the top thereof;

a pivot means extending from at least one of said first and second housing members for securing said tumbler to said housing for tumbler movement between an extended position, and a retracted position within said housing cavity;

a spring means for biasing said tumbler into said extended position;

and wherein said tumbler has a front end and a rear end, said rear end having a first pivot member and a second pivot member extending therefrom, and wherein said first pivot member contacts said pivot means when said tumbler is in said extended position and said second pivot member having a bottom plate contact surface that contacts said edge of said bottom plate when said tumbler is in an extended position, said tumbler thereby being prevented from further travel; said second pivot member contacting said pivot means when said tumbler is in a retracted position and said apex of said tumbler contacting said bottom surface of said faceplate with said tumbler in a retracted position, said tumbler thereby prevented from further travel.